

1 MIIDSKTTLP RH...SLIHTIKLNSNKK...YGP GDMTNGNQFIISKQEW 44
 ||::.. .|||:| . ||.|| .||::|.. :.|||||:|
 1 MILGNGKTL PKHIRLAHIFATQNSSAKKDNPLGPEGMVT KDGFIIISKEEW 50
 45 ATIGAYIQ TGLGLPVNEQQ LRTHVNLSQDISIP SDFSQLYDVYCS DK TSA 94
 | :. ||: || |||:|:::| |||. | |||.|||.|||.|| .|| .
 51 AFVQAYVT TGTGLPINDDEMRRHVGLPSRIQIPDDFNQLYKVYNE DKHLC 100
 95 EWWNK NLYPLIIKSANDIASYGFKVAGDPSIKK DGYFKKLQDELDNIVDN 144
 .||| |::|::|. ||||.. ||||. ||...| ||:.. :||:~:| | |
 101 SWWNGFL FPLVLKTANDISAYGFKCAGKGATK..GYEVMQDDVENISDN 148
 145 NSDDDAIAKAIKDFKARCGILIKEAKQYEEAAKNIVTSLDQFLHGDQ... 191
 . |. | .|| ||:~||| |||||. ||..||:~. | : ||. |:|
 149 GYDKVAQEKAHKDLQARCKILIKEADQYKAAADDVSKHLNTFLKGGQDSD 198
 192 .KKLEGVINI QKRLKEVQTALNQAHGESSPAHKELLEKVKNLKTTLERTI 240
 ..: || :~| .| :|...|:~. |:~|| |. |||. ||:~| |..|| .|
 199 GNDVIGVEAVQVQLAQVKDNLDGLYGDKSPRHEELLKKVDDLKKELEAAI 248
 241 KAEQDLEKKVEYSFLLGPLLG FVVYEILENTAVQHIKNQIDEIKKQLDSA 290
 |||. :||| |. || ||||| ||||| ||||| |||. |...:~:~. :||. |
 249 KAENELEKKVKMSFALGPLLG FVVYEILELTAVKSIHKKVEALQAE LDTA 298
 291 QHDLDRDVKIIGMLNSINTDIDNLYSQGQEAIKVFQKLOGI WATIGAQIE 340
 ..: ||||| ||:~||:~| |||||:~.. ||:~| : ||. |:~|||.. |:~. |:~
 299 NDELDRDVKILGMMNSIDTDIDNMLEQGEQALVVFRKIAGIWSVISLNIG 348
 341 NLRTTSLQEVQDSDDADEIQIELEDASDAWL VVAQEARDFTLNAYSTNSR 390
 |||. |||. |:~:~:~|. |. :~ |||:~| |. :~ | :|||.. ||| |..
 349 NLRETS LKEIEEENDDDALYIELGDAAGQWKEIAEEAQSFVLNAYTP... 395
 391 QNLPINVISDSCNCSTTNMTSNQYSNPTTNMTSNQY MISHEYTSLPNNFM 440
 441 LSRNSNLEYKCPENNFM IYWYNNSDWYNNSDWYNN 475

FIG. 1